VOLUME 7

Author Index

Agneni, A. Modal Parameter Estimates from Autocorrelation Functions of Highly Noisy Impulse Responses. v 7 n 4 p 285-297 Oct 1992

Bateman, V.I.; Carne, T.G.; McCall, D.M. Force Reconstruction for Impact Tests of an Energy-Absorbing Nose. v 7 n 1 p 41-50 Jan 1992

Benhafsi, Y.; Penny, J.E.T.; Friswell, M.I. A Parametric Identification Method for Discrete Nonlinear Systems Incorporating Cubic Stiffness Elements. v 7 n 3 p 179-195 Jul 1992

Cafeo, J.A.; Trethewey, M.W.; Sommer, H.J. Measurement and Application of Experimental Rotational Degrees of Freedom for Mode Shape Refinement. v 7 n 4 p 255-269 Oct 1992

Cafeo, J.A. see Trethewey, M.W.

Carne, T.G. see Bateman, V.I.

Cottin, N.; Prells, U.; Natke, H.G. A Parameter Identification Technique for Elastomechanical Systems Using Modal Quantities. v 7 n 3 p 197-212 Jul 1992

Craig, J.I. see Sriram, P.

Craig, R.R., Jr. see Kim, H.M.

Deblauwe, F. see Rost, R.W.

El-Deeb, K.M.M.; Royles, R. Modal Examination of an Echinodome. v 7 n 1 p 51-63 Jan 1992

Ewins, D.J. see Lieven, N.A.J.

Friswell, M.I. see Benhafsi, Y.
–see Nalitolela, N.G.

Hanagud, S. see Sriram, P.

Hu, X.; McConnell, K.G. An Advanced Model for Stinger Force, Motion and Energy Transmissibilities. v 7 n 4 p 291-283 Oct 1992

Huang, T.C. see Zhang, P.Q.

Jezequel, L. see Setio, S.

Kammer, D.C.; Triller, M.J. Efficient Sensor Placement for On-orbit Modal Identification of Sequentially Assembled Large Space Structures. v 7 n 2 p 95-109 Apr 1992

Kim, H.M.; Craig, R.R., Jr. Application of Unsymmetric Block Lanczos Vectors in System Identification. v 7 n 4 p 227-241 Oct 1992

Ko, J.M.; Ni, Y.Q.; Tian, Q.L. Hysteretic Behavior and Empirical Modeling of a Wire-cable Vibration Isolator. v 7 n 2 p 111-127 Apr 1992

Lee, G.C. see Liang, Z.

Leuridan, J. IMAC 10 Keynote Address: Modal Analysis: a Perspective on Integration. v 7 n 2 p 65-73 Apr 1992

Liang, Z.; Tong, M.; Lee, G.C. Complex Modes in Damped Linear Dynamic Systems. v 7 n 1 p 1-20 Jan 1992

VOLUME 7

Author Index

Agneni, A. Modal Parameter Estimates from Autocorrelation Functions of Highly Noisy Impulse Responses. v 7 n 4 p 285-297 Oct 1992

Bateman, V.I.; Carne, T.G.; McCall, D.M. Force Reconstruction for Impact Tests of an Energy-Absorbing Nose. v 7 n 1 p 41-50 Jan 1992

Benhafsi, Y.; Penny, J.E.T.; Friswell, M.I. A Parametric Identification Method for Discrete Nonlinear Systems Incorporating Cubic Stiffness Elements. v 7 n 3 p 179-195 Jul 1992

Cafeo, J.A.; Trethewey, M.W.; Sommer, H.J. Measurement and Application of Experimental Rotational Degrees of Freedom for Mode Shape Refinement. v 7 n 4 p 255-269 Oct 1992

Cafeo, J.A. see Trethewey, M.W.

Carne, T.G. see Bateman, V.I.

Cottin, N.; Prells, U.; Natke, H.G. A Parameter Identification Technique for Elastomechanical Systems Using Modal Quantities. v 7 n 3 p 197-212 Jul 1992

Craig, J.I. see Sriram, P.

Craig, R.R., Jr. see Kim, H.M.

Deblauwe, F. see Rost, R.W.

El-Deeb, K.M.M.; Royles, R. Modal Examination of an Echinodome. v 7 n 1 p 51-63 Jan 1992

Ewins, D.J. see Lieven, N.A.J.

Friswell, M.I. see Benhafsi, Y.
–see Nalitolela, N.G.

Hanagud, S. see Sriram, P.

Hu, X.; McConnell, K.G. An Advanced Model for Stinger Force, Motion and Energy Transmissibilities. v 7 n 4 p 291-283 Oct 1992

Huang, T.C. see Zhang, P.Q.

Jezequel, L. see Setio, S.

Kammer, D.C.; Triller, M.J. Efficient Sensor Placement for On-orbit Modal Identification of Sequentially Assembled Large Space Structures. v 7 n 2 p 95-109 Apr 1992

Kim, H.M.; Craig, R.R., Jr. Application of Unsymmetric Block Lanczos Vectors in System Identification. v 7 n 4 p 227-241 Oct 1992

Ko, J.M.; Ni, Y.Q.; Tian, Q.L. Hysteretic Behavior and Empirical Modeling of a Wire-cable Vibration Isolator. v 7 n 2 p 111-127 Apr 1992

Lee, G.C. see Liang, Z.

Leuridan, J. IMAC 10 Keynote Address: Modal Analysis: a Perspective on Integration. v 7 n 2 p 65-73 Apr 1992

Liang, Z.; Tong, M.; Lee, G.C. Complex Modes in Damped Linear Dynamic Systems. v 7 n 1 p 1-20 Jan 1992

Lieven, N.A.J.; Ewins, D.J. **Call for Comments:** A Proposal for Standard Notation and Terminology in Modal Analysis. v 7 n 2 p 151-156 Apr 1992

Luz, E.; Wallaschek, J. Experimental Modal Analysis Using Ambient Vibration. v 7 n 1 p 29-39 Jan 1992

McCall, D.M. see Bateman, V.I.

McConnell, K.G. see Hu, X.

Nalitolela, N.G.; Penny, J.E.T.; Friswell, M.I. A Mass or Stiffness Addition Technique for Structural Parameter Updating. v 7 n 3 p 157-168 Jul 1992

Natke, H.G. see Cottin, N.

Ni, Y.Q. see Ko, J.M.

Nozaki, N. see Okubo, N.

Okubo, N.; Nozaki, N. Evaluation of Degree of Fluid-Structural Coupled Vibration by Use of Modal Testing. v 7 n 1 p 21-27 Jan 1992

Penny, J.E.T. see Benhafsi, Y.
–see Nalitolela, N.G.

Prells, U. see Cottin N.

Rost, R.W.; Deblauwe, F. A Parameter Estimation Algorithm for Spatial Sine Testing: Theory and Evaluation. v 7 n 3 p 213-226 Jul 1992

Royles, R. see El-Deeb, K.M.M.

Setio, H.D. see Setio S.

Setio, S.; Setio, H.D.; Jezequel, L. Modal Analysis of Nonlinear Multi-Degree-of-Freedom Structures. v 7 n 2 p 75-93 Apr 1992

Sommer, H.J. see Cafeo, J.A.

Sriram, P.; Hanagud, S.; Craig, J.I. Mode Shape Measurement Using a Scanning Laser Doppler Vibrometer. v 7 n 3 p 169-178 Jul 1992

Tian, Q.L. see Ko, J.M.

Tong, M. see Liang Z.

Trethewey, M.W.; Cafeo, J.A. **Tutorial:** Signal Processing Aspects of Structural Impact Testing. v 7 n 2 p 129-149 Apr 1992

Trethewey, M.W. see Cafeo, J.A.

Triller, M.J. see Kammer, D.C.

Wallaschek, J. see Luz, E.

Wang, Q.M. see Zhang, P.Q.

Wu, X.P. see Zhang P.Q.

Zhang, P.Q.; Wang, Q.M.; Wu, X.P.; Huang, T.C. Experimental Modal Analysis of Miniature Objects by Optical Measurement Technique. v 7 n 4 p 243-253 Oct 1992

Title Index

Advanced Model for Stinger Force, Motion and Energy Transmissibilities. X. Hu; K.G. McConnell v 7 n 4 p 271-283 Oct 1992

Application of Unsymmetric Block Lanczos Vectors in System Identification. H.M. Kim; R.R. Craig, Jr. v 7 n 4 p 227-241 Oct 1992

Call for Comments: A Proposal for Standard Notation and Terminology in Modal Analysis. N.A.J. Lieven; D.J. Ewins v 7 n 2 p 151-156 Apr 1992

Complex Modes in Damped Linear Dynamic Systems. Z. Liang; M. Tong; G. C. Lee v 7 n 1 p 1-20 Jan 1992

Efficient Sensor Placement for On-orbit Modal Identification of Sequentially Assembled Large Space Structures. D.C. Kammer; M.J. Triller v 7 n 2 p 95-109 Apr 1992

Evaluation of Degree of Fluid-Structural Coupled Vibration by Use of Modal Testing. N. Okubo; N. Nozaki v 7 n 1 p 21-27 Jan 1992

Experimental Modal Analysis of Miniature Objects by Optical Measurement Technique. P.Q. Zhang; Q.M. Wang; X.P. Wu; T.C. Huang v 7 n 4 p 243-253 Oct 1992

Experimental Modal Analysis Using Ambient Vibration. E. Luz; J. Wallaschek v 7 n 1 p 29-39 Jan 1992

Force Reconstruction for Impact Tests of an Energy-Absorbing Nose. V.I. Bateman; T.G. Carne; D.M. McCall v 7 n 1 p 41-50 Jan 1992

Hysteretic Behavior and Empirical Modeling of a Wire-cable Vibration Isolator. J.M. Ko; Y.Q. Ni; Q.L. Tian v 7 n 2 p 111-127 Apr 1992

IMAC 10 Keynote Address: Modal Analysis: a Perspective on Integration. J. Leuridan v 7 n 2 p 65-73 Apr 1992

Mass or Stiffness Addition Technique for Structural Parameter Updating. N.G. Nalitolela; J.E.T. Penny; M.I. Friswell v 7 n 3 p 157-168 Jul 1992

Measurement and Application of Experimental Rotational Degrees of Freedom for Mode Shape Refinement. J.A. Cafeo; M.W. Trethewey; H.J. Sommer v 7 n 4 p 255-269 Oct 1992

Modal Analysis of Nonlinear Multi-Degree-of-Freedom Structures. S. Setio; H.D. Setio; L. Jezequel v 7 n 2 p 75-93 Apr 1992

Modal Examination of an Echinodome. K.M.M. El-Deeb; R. Royles v 7 n 1 p 51-63 Jan 1992

Modal Parameter Estimates from Autocorrelation Functions of Highly Noisy Impulse Responses. A. Agneni v 7 n 4 p 285-297 Oct 1992

Mode Shape Measurement Using a Scanning Laser Doppler Vibrometer. P. Sriram; S. Hanagud; J.I. Craig v 7 n 3 p 169-178 Jul 1992

Parameter Estimation Algorithm for Spatial Sine Testing: Theory and Evaluation. R.W. Rost; F. Deblauwe v 7 n 3 p 213-226 Jul 1992

Parameter Identification Technique for Elastomechanical Systems Using Modal Quantities. N. Cottin; U. Prells; H.G. Natke v 7 n 3 p 197-212 Jul 1992

Parametric Identification Method for Discrete Nonlinear Systems Incorporating Cubic Stiffness Elements. Y. Benhafsi; J.E.T. Penny; M.I. Friswell v 7 n 3 p 179-195 Jul 1992

Tutorial: Signal Processing Aspects of Structural Impact Testing. M.W. Trethewey; J.A. Cafeo v 7 n 2 p 129-149 Apr 1992